| Ref<br># | Hits | Search Query | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--------------|---|---------------------|---------|------------------|
| L1       | 12   | Strooper.in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2006/02/02 12:17 |
| L2       | 9    | Annaert.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2006/02/02 12:18 |

# (FILE 'HOME' ENTERED AT 12:21:11 ON 02 FEB 2006)

FILE 'MEDLINE, BIOSIS, LIFESCI, EMBASE, SCISEARCH, CAPLUS' ENTERED AT 12:21:30 ON 02 FEB 2006

24 S STROOPER

Ll L2 6 S ANNAERT

10/662,651 Sequence search

SEQ ID NO: 5

## SUMMARIES

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# SUMMARIES

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| 7      | 48    | 100.0 | 97     | 6  | 5220013-8         | Patent No. 5220013 |
| 8      | 48    | 100.0 | 97     | 6  | 5223482-8         | Patent No. 5223482 |
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RESULT 6 5187153-8

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     APPLICANT: CORDELL, BARBARA; SCHILLING, JAMES W.; KATUNUMA, NOBUHIKO
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; AMYLOID POLYPEPTIDE DERIVATIVES
    NUMBER OF SEQUENCES: 33
     CURRENT APPLICATION DATA:
      APPLICATION NUMBER: US/07/502,273
      FILING DATE: 29-MAR-1990
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER: 361,912
      FILING DATE: 06-JUN-1989
     APPLICATION NUMBER: 359,911
      FILING DATE: 12-MAY-1989
     APPLICATION NUMBER: 87,002
     FILING DATE: 18-AUG-1987
      APPLICATION NUMBER: 8,810
      FILING DATE: 30-JAN-1987
     APPLICATION NUMBER: 948,376
     FILING DATE: 31-DEC-1986
      APPLICATION NUMBER: 932,193
      FILING DATE: 17-NOV-1986
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| 35    | 72.9   | 489  | 2   | H81912   | probable integral   |
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| 34    | 70.8   | 839  | 2   | E85394   | probable potassium  |
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## SEQ ID NO: 7

## SUMMARIES

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SEQ ID NO: 8

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# SUMMARIES

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RESULT 2

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    APPLICANT: CORDELL, BARBARA; SCHILLING, JAMES W.; KATUNUMA, NOBUHIKO
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; AMYLOID POLYPEPTIDE DERIVATIVES
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      FILING DATE: 29-MAR-1990
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      FILING DATE: 06-JUN-1989
      APPLICATION NUMBER: 359,911
     FILING DATE: 12-MAY-1989
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      FILING DATE: 18-AUG-1987
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Db
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| 5  | 42   | 53.2  | 16   |   | US-11-145-573-22   | •  |
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| 7<br>8<br>9<br>10<br>11  | 65<br>65<br>65<br>65   | 82.3<br>82.3<br>82.3<br>82.3<br>82.3  | 191<br>511<br>751<br>763<br>765  | 2<br>2<br>2<br>2<br>2   | A35981<br>JC1404<br>A49974<br>A49321<br>S42880   | sperm membrane pro<br>CDEI-box DNA-bindi<br>beta-amyloid precu<br>amyloid beta (A4)<br>amyloid precursor-  |
| 7<br>8<br>9<br>10<br>11<br>12  | 65<br>65<br>65<br>65<br>65   | 82.3<br>82.3<br>82.3<br>82.3<br>82.3<br>74.7  | 191<br>511<br>751<br>763<br>765<br>57  | 2<br>2<br>2<br>2<br>2<br>2  | A35981<br>JC1404<br>A49974<br>A49321<br>S42880<br>A60045   | sperm membrane pro<br>CDEI-box DNA-bindi<br>beta-amyloid precu<br>amyloid beta (A4)<br>amyloid precursor-<br>Alzheimer's diseas  |
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| 7<br>8<br>9<br>10<br>11<br>12<br>13  | 65<br>65<br>65<br>65<br>59<br>59   | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7  | 191<br>511<br>751<br>763<br>765<br>57<br>57  | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2   | A35981<br>JC1404<br>A49974<br>A49321<br>S42880<br>A60045<br>F60045   | sperm membrane pro<br>CDEI-box DNA-bindi<br>beta-amyloid precu<br>amyloid beta (A4)<br>amyloid precursor-<br>Alzheimer's diseas<br>Alzheimer's diseas<br>Alzheimer's diseas  |
| 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14  | 65<br>65<br>65<br>65<br>59<br>59<br>59   | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7  | 191<br>511<br>751<br>763<br>765<br>57<br>57<br>57  | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2  | A35981<br>JC1404<br>A49974<br>A49321<br>S42880<br>A60045<br>F60045<br>D60045<br>E60045   | sperm membrane pro<br>CDEI-box DNA-bindi<br>beta-amyloid precu<br>amyloid beta (A4)<br>amyloid precursor-<br>Alzheimer's diseas<br>Alzheimer's diseas<br>Alzheimer's diseas<br>Alzheimer's diseas  |
| 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15  | 65<br>65<br>65<br>65<br>59<br>59<br>59<br>59   | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7  | 191<br>511<br>751<br>763<br>765<br>57<br>57<br>57  | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2 | A35981<br>JC1404<br>A49974<br>A49321<br>S42880<br>A60045<br>F60045<br>D60045<br>E60045<br>G60045   | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor-Alzheimer's diseas Alzheimer's diseas Alzheimer's diseas Alzheimer's diseas Alzheimer's diseas  |
| 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16  | 65<br>65<br>65<br>65<br>59<br>59<br>59<br>59   | 82.3<br>82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7  | 191<br>511<br>751<br>763<br>765<br>57<br>57<br>57<br>57  | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2 | A35981<br>JC1404<br>A49974<br>A49321<br>S42880<br>A60045<br>F60045<br>E60045<br>E60045<br>B60045   | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor- Alzheimer's diseas Alzheimer's diseas Alzheimer's diseas Alzheimer's diseas Alzheimer's diseas Alzheimer's diseas  |
| 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18  | 65<br>65<br>65<br>65<br>59<br>59<br>59<br>59<br>59   | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7<br>74.7<br>758.2   | 191<br>511<br>751<br>763<br>765<br>57<br>57<br>57<br>57<br>57<br>57  | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2 | A35981<br>JC1404<br>A49974<br>A49321<br>S42880<br>A60045<br>F60045<br>E60045<br>E60045<br>B60045<br>B60045   | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor-Alzheimer's diseas Alzheimer's diseas Alzheimer's diseas Alzheimer's diseas Alzheimer's diseas Alzheimer's diseas B. subtilis late c  |
| 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18  | 65<br>65<br>65<br>65<br>59<br>59<br>59<br>59<br>59<br>46<br>46   | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7<br>74.7<br>758.2<br>58.2                                 | 191<br>751<br>763<br>765<br>57<br>57<br>57<br>57<br>57<br>57<br>236  | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2 | A35981<br>JC1404<br>A49974<br>A49321<br>S42880<br>A60045<br>F60045<br>D60045<br>G60045<br>G60045<br>B60045<br>AF1268<br>T23845   | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor-Alzheimer's diseas Alzheimer's diseas Alzheimer's diseas Alzheimer's diseas Alzheimer's diseas B. subtilis late c hypothetical prote  |
| 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20  | 65<br>65<br>65<br>65<br>59<br>59<br>59<br>59<br>59<br>46<br>45   | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7<br>74.7<br>758.2<br>58.2                                 | 191<br>511<br>751<br>763<br>765<br>57<br>57<br>57<br>57<br>57<br>57<br>236<br>1036<br>283                  | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2 | A35981<br>JC1404<br>A49974<br>A49321<br>S42880<br>A60045<br>F60045<br>D60045<br>E60045<br>B60045<br>B60045<br>AF1268<br>T23845<br>FCMSG1   | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor-Alzheimer's diseas Alzheimer's diseas Alzheimer's diseas Alzheimer's diseas Alzheimer's diseas B. subtilis late c hypothetical prote Fc gamma (IgG) rec   |
| 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21  | 65<br>65<br>65<br>65<br>65<br>59<br>59<br>59<br>59<br>59<br>46<br>45<br>45   | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7<br>74.7<br>758.2<br>58.2<br>57.0                         | 191<br>751<br>763<br>765<br>57<br>57<br>57<br>57<br>57<br>236<br>1036<br>283<br>285                        | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2 | A35981<br>JC1404<br>A49974<br>A49321<br>S42880<br>A60045<br>F60045<br>D60045<br>E60045<br>B60045<br>B60045<br>AF1268<br>T23845<br>FCMSG1<br>S36903                                     | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor- Alzheimer's diseas Alzheimer's diseas Alzheimer's diseas Alzheimer's diseas Alzheimer's diseas Alzheimer's diseas Slzheimer's diseas B. subtilis late c hypothetical prote Fc gamma (IgG) rec Fc gamma (IgG) rec   |
| 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21  | 65<br>65<br>65<br>65<br>65<br>59<br>59<br>59<br>59<br>59<br>46<br>45<br>45   | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7<br>758.2<br>58.2<br>57.0<br>57.0                         | 191<br>751<br>763<br>765<br>57<br>57<br>57<br>57<br>57<br>236<br>1036<br>283<br>285<br>330                 | 2 2 2 2 2 2 2 2 1 2 2   | A35981 JC1404 A49974 A49321 S42880 A60045 F60045 D60045 E60045 B60045 B60045 AF1268 T23845 FCMSG1 S36903 A40071  | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor- Alzheimer's diseas E. subtilis late c hypothetical prote Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma (IgG) rec   |
| 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23  | 655565999994665555455455   | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7<br>758.2<br>58.2<br>57.0<br>57.0                         | 191<br>751<br>763<br>765<br>57<br>57<br>57<br>57<br>236<br>1036<br>283<br>283<br>330                       | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2 | A35981 JC1404 A49974 A49321 S42880 A60045 D60045 E60045 G60045 B60045 AF1268 T23845 FCMSG1 S36903 A40071 I49660  | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor- Alzheimer's diseas Chypothetical prote Fc gamma (IgG) rec Fc-gamma-1/gamma-2   |
| 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21  | 65<br>65<br>65<br>65<br>65<br>59<br>59<br>59<br>59<br>59<br>46<br>45<br>45   | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7<br>758.2<br>58.2<br>57.0<br>57.0                         | 191<br>751<br>763<br>765<br>57<br>57<br>57<br>57<br>57<br>236<br>1036<br>283<br>285<br>330                 | 2 2 2 2 2 2 2 2 1 2 2   | A35981 JC1404 A49974 A49321 S42880 A60045 F60045 D60045 E60045 B60045 B60045 AF1268 T23845 FCMSG1 S36903 A40071  | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor- Alzheimer's diseas Chypothetical prote Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma-1/gamma-2 flagellar basal-bo  |
| 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23  | 655565999994665555455455   | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7<br>758.2<br>58.2<br>57.0<br>57.0                         | 191<br>751<br>763<br>765<br>57<br>57<br>57<br>57<br>236<br>1036<br>283<br>283<br>330                       | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2 | A35981 JC1404 A49974 A49321 S42880 A60045 D60045 E60045 G60045 B60045 AF1268 T23845 FCMSG1 S36903 A40071 I49660  | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor- Alzheimer's diseas Chypothetical prote Fc gamma (IgG) rec Fc-gamma-1/gamma-2   |
| 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24                                    | 6555599999665555455455455455   | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7<br>758.2<br>57.0<br>57.0<br>57.0                         | 191<br>751<br>763<br>765<br>57<br>57<br>57<br>57<br>236<br>1036<br>283<br>285<br>330<br>330<br>536         | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2 | A35981 JC1404 A49974 A49321 S42880 A60045 D60045 D60045 B60045 B60045 AF1268 T23845 FCMSG1 S36903 A40071 I49660 JG0022   | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor- Alzheimer's diseas Chypothetical prote Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma-1/gamma-2 flagellar basal-bo  |
| 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25                              | 655555555554655455455  | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7<br>758.2<br>57.0<br>57.0<br>57.0                         | 191<br>751<br>763<br>765<br>57<br>57<br>57<br>57<br>236<br>1036<br>283<br>285<br>330<br>330<br>536         | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2 | A35981 JC1404 A49974 A49321 S42880 A60045 D60045 D60045 B60045 B60045 AF1268 T23845 FCMSG1 S36903 A40071 I49660 JG0022   | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor- Alzheimer's diseas Chypothetical prote Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma-1/gamma-2 flagellar basal-bo  |
| 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24                                    | 655555555554655455455  | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7<br>758.2<br>57.0<br>57.0<br>57.0                         | 191<br>751<br>763<br>765<br>57<br>57<br>57<br>57<br>236<br>1036<br>283<br>285<br>330<br>330<br>536         | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2 | A35981 JC1404 A49974 A49321 S42880 A60045 D60045 D60045 B60045 B60045 AF1268 T23845 FCMSG1 S36903 A40071 I49660 JG0022   | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor- Alzheimer's diseas Chypothetical prote Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma-1/gamma-2 flagellar basal-bo  |
| 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>SUMMARIE                  | 655555555554655455455  | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7<br>758.2<br>57.0<br>57.0<br>57.0                         | 191<br>751<br>763<br>765<br>57<br>57<br>57<br>57<br>236<br>1036<br>283<br>285<br>330<br>330<br>536         | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2 | A35981 JC1404 A49974 A49321 S42880 A60045 D60045 D60045 B60045 B60045 AF1268 T23845 FCMSG1 S36903 A40071 I49660 JG0022   | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor- Alzheimer's diseas Chypothetical prote Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma-1/gamma-2 flagellar basal-bo  |
| 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>SUMMARIE                  | 65<br>65<br>65<br>65<br>65<br>55<br>55<br>55<br>46<br>45<br>45<br>45<br>45<br>45<br>45   | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7<br>758.2<br>57.0<br>57.0<br>57.0<br>57.0                 | 191<br>511<br>751<br>763<br>765<br>57<br>57<br>57<br>236<br>1036<br>283<br>285<br>330<br>330<br>536<br>851 | 2   | A35981 JC1404 A49974 A49321 S42880 A60045 F60045 B60045 B60045 B60045 AF1268 T23845 FCMSG1 S36903 A40071 I49660 JG0022 D90216  | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid precursor-Alzheimer's diseas Alzheimer's diseas B. subtilis late c hypothetical prote Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma-1/gamma-2 flagellar basal-bo hypothetical prote   |
| 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>SUMMARIE<br>Result<br>No. | 65<br>65<br>65<br>65<br>65<br>65<br>65<br>59<br>59<br>59<br>59<br>46<br>45<br>45<br>45<br>45<br>45<br>65<br>65<br>65<br>65<br>65<br>65<br>65<br>65<br>65<br>65<br>65<br>65<br>65 | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7<br>758.2<br>57.0<br>57.0<br>57.0<br>57.0                 | 191 511 751 763 765 57 57 57 236 1036 283 285 330 330 536 851  | 2   | A35981 JC1404 A49974 A49321 S42880 A60045 D60045 D60045 B60045 B60045 AF1268 T23845 FCMSG1 S36903 A40071 I49660 JG0022   | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor- Alzheimer's diseas Chypothetical prote Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma-1/gamma-2 flagellar basal-bo  |
| 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>SUMMARIE                  | 65<br>65<br>65<br>65<br>65<br>65<br>59<br>59<br>59<br>46<br>45<br>45<br>45<br>45<br>45   | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7<br>758.2<br>57.0<br>57.0<br>57.0<br>57.0<br>57.0         | 191 511 751 763 765 57 57 57 236 1036 283 285 330 536 851  | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2 | A35981 JC1404 A49974 A49321 S42880 A60045 D60045 B60045 B60045 B60045 AF1268 T23845 FCMSG1 S36903 A40071 I49660 JG0022 D90216  | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor- Alzheimer's diseas B. subtilis late c hypothetical prote Fc gamma (IgG) rec |
| 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>SUMMARIE<br>Result        | 65<br>65<br>65<br>65<br>65<br>59<br>59<br>59<br>46<br>45<br>45<br>45<br>45<br>45   | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7<br>758.2<br>57.0<br>57.0<br>57.0<br>57.0<br>57.0         | 191 511 751 763 765 57 57 57 57 236 1036 283 285 330 536 851   | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | A35981 JC1404 A49974 A49321 S42880 A60045 F60045 B60045 B60045 B60045 AF1268 T23845 FCMSG1 S36903 A40071 I49660 JG0022 D90216  ID  | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor- Alzheimer's diseas B. subtilis late c hypothetical prote Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma -1/gamma-2 flagellar basal-bo hypothetical prote  Description  Description  |
| 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>SUMMARIE<br>Result<br>No. | 65<br>65<br>65<br>65<br>65<br>59<br>59<br>59<br>46<br>45<br>45<br>45<br>45<br>45<br>79   | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7<br>758.2<br>57.0<br>57.0<br>57.0<br>57.0<br>57.0         | 191 511 751 763 765 57 57 57 57 236 1036 283 285 330 330 536 851   | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | A35981 JC1404 A49974 A49321 S42880 A60045 F60045 B60045 B60045 B60045 AF1268 T23845 FCMSG1 S36903 A40071 I49660 JG0022 D90216  ID  O97917_BOVIN O35463_CRIGR                           | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor- Alzheimer's diseas B. subtilis late c hypothetical prote Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma -1/gamma-2 flagellar basal-bo hypothetical prote  Description  O97917 bos taurus O35463 cricetulus  |
| 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 SUMMARIE Result No   | 65<br>65<br>65<br>65<br>65<br>59<br>59<br>59<br>46<br>45<br>45<br>45<br>45<br>45   | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7<br>758.2<br>57.0<br>57.0<br>57.0<br>57.0<br>57.0<br>57.0 | 191 511 751 763 765 57 57 57 57 236 1036 283 285 330 330 536 851  Length                                   | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | A35981 JC1404 A49974 A49321 S42880 A60045 F60045 B60045 B60045 B60045 AF1268 T23845 FCMSG1 S36903 A40071 149660 JG0022 D90216  ID  O97917_BOVIN O35463_CRIGR Q8JH58_CHESE              | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor- Alzheimer's diseas B. subtilis late c hypothetical prote Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma (IgG) rec Fc-gamma-1/gamma-2 flagellar basal-bo hypothetical prote  Description  Description  097917 bos taurus 035463 cricetulus Q8jh58 chelydra se   |
| 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>SUMMARIE<br>Result<br>No. | 65<br>65<br>65<br>65<br>65<br>59<br>59<br>59<br>46<br>45<br>45<br>45<br>45<br>45<br>79   | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7<br>758.2<br>57.0<br>57.0<br>57.0<br>57.0<br>57.0         | 191 511 751 763 765 57 57 57 57 236 1036 283 285 330 330 536 851   | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | A35981 JC1404 A49974 A49321 S42880 A60045 F60045 B60045 B60045 B60045 AF1268 T23845 FCMSG1 S36903 A40071 I49660 JG0022 D90216  ID  O97917_BOVIN O35463_CRIGR                           | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor- Alzheimer's diseas B. subtilis late c hypothetical prote Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma-1/gamma-2 flagellar basal-bo hypothetical prote  Description  Description  097917 bos taurus 035463 cricetulus Q8jh58 chelydra se Q8bpv5 mus musculu  |
| 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 SUMMARIE Result No   | 65<br>65<br>65<br>65<br>59<br>59<br>59<br>59<br>46<br>45<br>45<br>45<br>45<br>45<br>79<br>79   | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7<br>758.2<br>57.0<br>57.0<br>57.0<br>57.0<br>57.0<br>57.0 | 191 511 751 763 765 57 57 57 57 236 1036 283 285 330 330 536 851  Length                                   | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | A35981 JC1404 A49974 A49321 S42880 A60045 F60045 B60045 B60045 B60045 AF1268 T23845 FCMSG1 S36903 A40071 149660 JG0022 D90216  ID  O97917_BOVIN O35463_CRIGR Q8JH58_CHESE              | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor- Alzheimer's diseas B. subtilis late c hypothetical prote Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma-1/gamma-2 flagellar basal-bo hypothetical prote  Description  Description  O97917 bos taurus O35463 cricetulus Q8jh58 chelydra se Q8bpv5 mus musculu Q8bpc7 mus musculu   |
| 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 SUMMARIE Result No   | 65<br>65<br>65<br>65<br>65<br>59<br>59<br>59<br>59<br>46<br>45<br>45<br>45<br>45<br>45<br>79<br>79   | 82.3<br>82.3<br>82.3<br>82.3<br>74.7<br>74.7<br>74.7<br>74.7<br>758.2<br>57.0<br>57.0<br>57.0<br>57.0<br>57.0<br>57.0 | 191 511 751 763 765 57 57 57 57 236 1036 283 285 330 330 536 851   | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | A35981 JC1404 A49974 A49971 S42880 A60045 F60045 D60045 E60045 B60045 AF1268 T23845 FCMSG1 S36903 A40071 I49660 JG0022 D90216  ID  O97917_BOVIN O35463_CRIGR Q8JH58_CHESE Q8BPV5_MOUSE | sperm membrane pro CDEI-box DNA-bindi beta-amyloid precu amyloid beta (A4) amyloid precursor- Alzheimer's diseas B. subtilis late c hypothetical prote Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma (IgG) rec Fc gamma-1/gamma-2 flagellar basal-bo hypothetical prote  Description  Description  097917 bos taurus 035463 cricetulus Q8jh58 chelydra se Q8bpv5 mus musculu  |

| 79 | 100.0  | 693   | 2  | Q98SG0_XENLA   | Q98sg0  | xenopus lae   |
|----|--|---|--|--|---|---|
| 79 | 100.0  | 695   | 2  | Q5R477_PONPY   | Q5r477  | pongo pygma   |
| 79 | 100.0  | 695   | 2  | Q6RH29_CANFA   | Q6rh29  | canis famil   |
| 79 | 100.0  | 695   | 2  | Q56JK3_CANFA   | Q56jk3  | canis famil   |
| 79 | 100.0  | 695   | 2  | Q6GR78_MOUSE   | ~ 3   | mus musculu   |
| 79 | 100.0  | 695   | 2  | Q9DGJ8_CHICK   | Q9dgj8  | gallus gall   |
| 79 | 100.0  | 695   | 2  | Q98SF9_XENLA   | Q98sf9  | xenopus lae   |
| 79 | 100.0  | 695   | 2  | Q7ZXQ0_XENLA   | Q7zxq0  | xenopus lae   |
| 79 | 100.0  | 699   | 2  | 057394_NARJA   | 057394  | narke japon   |
| 79 | 100.0  | 714   | 2  | Q56JK4_CANFA   | Q56jk4  | canis famil   |
| 79 | 100.0  | 733   | 2  | Q6P6Q5_RAT   | Q6p6q5  | rattus norv   |
| 79 | 100.0  | 747   | 2  | Q91963_9PIPI   | Q91963  | xenopus. ap   |
| 79 | 100.0  | 749   | 2  | Q56JK2_STECO   | Q56jk2  | stenella co   |
| 79 | 100.0  | 749   | 2  | Q6NRR1_XENLA   | Q6nrr1  | xenopus lae   |
| 79 | 100.0  | 750   | 2  | Q6DJB6_XENTR   | Q6djb6  | xenopus tro   |
| 79 | 100.0  | 751   | 1  | A4_SAISC   | Q95241  | s amyloid b   |
| 79 | 100.0  | 751   | 2  | Q6GSC0_HUMAN   | Q6gsc0  | homo sapien   |
| 79 | 100.0  | 751   | 2  | Q6RH28_CANFA   | Q6rh28  | canis famil   |
| 79 | 100.0  | 751   | 2  | Q56JK5_CANFA   | Q56jk5  | canis famil   |
|    | 79<br>79<br>79<br>79<br>79<br>79<br>79<br>79<br>79<br>79<br>79<br>79 | 79 100.0 79 100.0 79 100.0 79 100.0 79 100.0 79 100.0 79 100.0 79 100.0 79 100.0 79 100.0 79 100.0 79 100.0 79 100.0 79 100.0 79 100.0 79 100.0 79 100.0 79 100.0 | 79 100.0 695 79 100.0 695 79 100.0 695 79 100.0 695 79 100.0 695 79 100.0 695 79 100.0 695 79 100.0 714 79 100.0 733 79 100.0 747 79 100.0 749 79 100.0 749 79 100.0 751 79 100.0 751 79 100.0 751 | 79 100.0 695 2 79 100.0 695 2 79 100.0 695 2 79 100.0 695 2 79 100.0 695 2 79 100.0 695 2 79 100.0 695 2 79 100.0 695 2 79 100.0 714 2 79 100.0 747 2 79 100.0 749 2 79 100.0 749 2 79 100.0 749 2 79 100.0 750 2 79 100.0 751 1 79 100.0 751 2 79 100.0 751 2 | 79 100.0 695 2 Q5R477_PONPY 79 100.0 695 2 Q6RH29_CANFA 79 100.0 695 2 Q5GJK3_CANFA 79 100.0 695 2 Q5GJK3_CANFA 79 100.0 695 2 Q9DGJB_CHICK 79 100.0 695 2 Q9DGJB_CHICK 79 100.0 695 2 Q7ZXQ0_XENLA 79 100.0 695 2 Q7ZXQ0_XENLA 79 100.0 699 2 O57394_NARJA 79 100.0 714 2 Q5GJK4_CANFA 79 100.0 733 2 Q6P6Q5_RAT 79 100.0 747 2 Q91963_9PIPI 79 100.0 749 2 Q5GJK2_STECO 79 100.0 750 2 Q6DJB6_XENTR 79 100.0 750 2 Q6DJB6_XENTR 79 100.0 751 1 A4_SAISC 79 100.0 751 2 Q6GSCO_HUMAN 79 100.0 751 2 Q6GSCO_HUMAN | 79 100.0 695 2 Q5R477_PONPY Q5r477 79 100.0 695 2 Q6RH29_CANFA Q6rh29 79 100.0 695 2 Q56JK3_CANFA Q56jk3 79 100.0 695 2 Q6GR78_MOUSE Q6gr78 79 100.0 695 2 Q9DGJB_CHICK Q9dgj8 79 100.0 695 2 Q98SF9_XENLA Q98sf9 79 100.0 695 2 Q7ZXQ0_XENLA Q7ZXQ0 79 100.0 695 2 Q7ZXQ0_XENLA Q7ZXQ0 79 100.0 699 2 O57394_NARJA O57394 79 100.0 714 2 Q56JK4_CANFA Q56jk4 79 100.0 733 2 Q6P6Q5_RAT Q6p6q5 79 100.0 747 2 Q91963_PIPI Q91963 79 100.0 749 2 Q56JK2_STECO Q56jk2 79 100.0 750 2 Q6DJB6_XENTR Q6djb6 79 100.0 751 1 A4_SAISC Q95241 79 100.0 751 2 Q6GSCO_HUMAN Q6gsc0 79 100.0 751 2 Q6GSCO_HUMAN Q6gsc0 79 100.0 751 2 Q6GR28_CANFA |

Result Query No. Score Match Length DB ID Description \_\_\_\_\_ 79 100.0 49 2 097917\_BOVIN 097917 bos taurus 79 100.0 79 2 035463\_CRIGR 035463 cricetulus 1 Q8jh58 chelydra se Q8bpv5 mus musculu Q8bpc7 mus musculu Q8bpc7 mus musculu Q93296 gallus gall Q98sg0 xenopus lae Q5r477 pongo pygma Q6rh29 canis famil 79 100.0 113 2 Q8JH58\_CHESE 79 100.0 218 2 Q8BPV5\_MOUSE 79 100.0 384 2 Q8BPC7\_MOUSE 3 5 534 2 093296\_CHICK 6 79 100.0 79 100.0 79 100.0 693 2 Q98SG0\_XENLA 695 2 Q5R477\_PONPY 7 8 79 100.0 695 2 Q6RH29\_CANFA 9 Q56jk3 canis famil Q6gr78 mus musculu Q9dgj8 gallus gall Q98sf9 xenopus lae Q7zxq0 xenopus lae O57394 narke japon 79 100.0 695 2 Q56JK3\_CANFA 79 100.0 695 2 Q6GR78\_MOUSE 79 100.0 695 2 Q9DGJ8\_CHICK 10 11 79 100.0 12 79 100.0 695 2 Q98SF9\_XENLA 79 100.0 695 2 Q7ZXQ0\_XENLA 79 100.0 699 2 O57394\_NARJA 13 14 15 Q56jk4 canis famil
Q66jk4 canis famil
Q6p6q5 rattus norv
Q91963 xenopus. ap
Q56jk2 stenella co
Q6nrr1 xenopus lae
Q6djb6 xenopus tro
Q95241 s amyloid b 79 100.0 714 2 Q56JK4\_CANFA 16 733 2 Q6P6Q5\_RAT 747 2 Q91963\_9PIPI 79 100.0 79 100.0 17 18 79 100.0 749 2 Q56JK2\_STECO 19 79 100.0 749 2 Q6NRR1\_XENLA 79 100.0 750 2 Q6DJB6\_XENTR 79 100.0 751 1 A4\_SAISC 20 21 22 Q6gsc0 homo sapien 751 2 Q6GSC0\_HUMAN 23 79 100.0 751 2 Q6RH28\_CANFA 751 2 Q56JK5\_CANFA 79 100.0 79 100.0 Q6rh28 canis famil 24 Q56jk5 canis famil 25

SEQ ID NO: 12

|        |       | ⅋     |           |       |          |                    |
|--------|-------|-------|-----------|-------|----------|--------------------|
| Result |       | Query |           |       |          |                    |
| No.    | Score | Match | Length    | DB    | ID       | Description        |
|        | 120   |       | . <b></b> | <br>6 | ABB82619 | Abb82619 Amyloid p |
| 1      | 138   | 94.5  | 31        | 0     | ABB62619 | -                  |
| 2      | 138   | 94.5  | 34        | 6     | ABB82614 | Abb82614 Amyloid p |
| 3      | 138   | 94.5  | 34        | 8     | ADM72434 | Adm72434 Presenili |
| 4      | 138   | 94.5  | 36        | 8     | ADM72440 | Adm72440 Presenili |
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| 18 | 110.5 | 75.7 | 31 | 8 | ADM72451 | Adm72451 Presenili |
| 19 | 110.5 | 75.7 | 31 | 8 | ADM72452 | Adm72452 Presenili |
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SEQ ID NO: 13

# SUMMARIES

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SUMMARIES

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; AMYLOID POLYPEPTIDE DERIVATIVES
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       FILING DATE: 29-MAR-1990
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       FILING DATE: 12-MAY-1989
      APPLICATION NUMBER: 87,002
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| 5  | 67 | 100.0 | 41  | 3 | US-09-864-761-36369 | Sequence 3 | 6369, A |
| 6  | 67 | 100.0 | 44  | 5 | US-10-700-922-5     | Sequence 5 | , Appli |
| 7  | 67 | 100.0 | 49  | 3 | US-09-864-761-33582 | Sequence 3 | 3582, A |
| 8  | 67 | 100.0 | 49  | 3 | US-09-864-761-34163 | Sequence 3 | 4163, A |
| 9  | 67 | 100.0 | 79  | 5 | US-10-700-922-3     | Sequence 3 | , Appli |
| 10 | 67 | 100.0 | 99  | 4 | US-10-183-119-2     | Sequence 2 | , Appli |
| 11 | 67 | 100.0 | 99  | 5 | US-10-486-265-3     | Sequence 3 | , Appli |
| 12 | 67 | 100.0 | 100 | 3 | US-09-794-975-4     | Sequence 4 | , Appli |
| 13 | 67 | 100.0 | 100 | 4 | US-10-275-025-1     | Sequence 1 | , Appli |
| 14 | 67 | 100.0 | 100 | 4 | US-10-275-025-6     | Sequence 6 | , Appli |
| 15 | 67 | 100.0 | 100 | 4 | US-10-275-025-7     | Sequence 7 | , Appli |
| 16 | 67 | 100.0 | 100 | 5 | US-10-849-423-4     | Sequence 4 | , Appli |
| 17 | 67 | 100.0 | 100 | 5 | US-10-486-265-5     | Sequence 5 | , Appli |
| 18 | 67 | 100.0 | 103 | 3 | US-09-972-475-2     | Sequence 2 | , Appli |
| 19 | 67 | 100.0 | 103 | 3 | US-09-895-443-2     | Sequence 2 | , Appli |
| 20 | 67 | 100.0 | 103 | 4 | US-10-395-290-2     | Sequence 2 | , Appli |
| 21 | 67 | 100.0 | 103 | 4 | US-10-463-729-2     | Sequence 2 | , Appli |
| 22 | 67 | 100.0 | 103 | 5 | US-10-989-763-2     | Sequence 2 | , Appli |
| 23 | 67 | 100.0 | 104 | 3 | US-09-823-153-4     | Sequence 4 | , Appli |
| 24 | 67 | 100.0 | 104 | 4 | US-10-713-981-4     | Sequence 4 | , Appli |
| 25 | 67 | 100.0 | 108 | 4 | US-10-275-025-9     | Sequence 9 | , Appli |
|    |    |       |     |   |                     |            |         |

|       | Query  | Longth  | D.D.  | TD  | Description   |
|-------|--|---|---|---|---|
| Score | Match  | rendru  |   |   | bescription   |
| 67    | 100.0  | 770   | 6   | US-10-982-545-15  | Sequence 15, Appl   |
| 67    | 100.0  | 770   | 6   | US-10-789-273-38  | Sequence 38, Appl   |
| 57    | 85.1   | 763   | 6   | US-10-821-234-1619  | Sequence 1619, Ap   |
| 37    | 55.2   | 423   | 6   | US-10-793-626-3234  | Sequence 3234, Ap   |
| 36    | 53.7   | 306   | 6   | US-10-995-561-894   | Sequence 894, App   |
| 35    | 52.2   | 179   | 6   | US-10-467-657-4526  | Sequence 4526, Ap   |
| 35    | 52.2   | 270   | 6   | US-10-467-657-7100  | Sequence 7100, Ap   |
| 34    | 50.7   | 236   | 6   | US-10-793-626-998   | Sequence 998, App   |
| 34    | 50.7   | 333   | 6   | US-10-949-720-396   | Sequence 396, App   |
| 33    | 49.3   | 998   | 6   | US-10-510-524-1   | Sequence 1, Appli   |
| 32    | 47.8   | 334   | 6   | US-10-793-626-230   | Sequence 230, App   |
| 32    | 47.8   | 499   | 6   | US-10-793-626-1558  | Sequence 1558, Ap   |
| 32    | 47.8   | 557   | 6   | US-10-821-234-1593  | Sequence 1593, Ap   |
| 31    | 46.3   | 15  | 7   | US-11-098-662-102   | Sequence 102, App   |
| 31    | 46.3   | 19  | 7   | US-11-098-662-104   | Sequence 104, App   |
| 31    | 46.3   | 21  | 7   | US-11-098-662-106   | Sequence 106, App   |
| 31    | 46.3   | 24  | 7   | US-11-098-662-108   | Sequence 108, App   |
| 31    | 46.3   | 199   | 6   | US-10-131-826A-92   | Sequence 92, Appl   |
| 31    | 46.3   | 200   | 7   | US-11-098-662-4   | Sequence 4, Appli   |
| 31    | 46.3   | 200   | 7   | US-11-098-662-20  | Sequence 20, Appl   |
| 31    | 46.3   | 367   | 7   | US-11-109-157A-20   | Sequence 20, Appl   |
| 31    | 46.3   | 391   | 6   | US-10-821-234-1487  | Sequence 1487, Ap   |
| 31    | 46.3   | 448   | 6   | US-10-873-528-42  | Sequence 42, Appl   |
| 31    | 46.3   | 531   | 6   | US-10-485-517-276   | Sequence 276, App   |
| 31    | 46.3   | 647   | 7   | US-11-000-463-722   | Sequence 722, App   |
| _     | 67<br>57<br>37<br>36<br>35<br>34<br>34<br>33<br>32<br>32<br>31<br>31<br>31<br>31<br>31<br>31<br>31 | Query Score Match  67 100.0 67 100.0 57 85.1 37 55.2 36 53.7 35 52.2 34 50.7 34 50.7 34 9.3 32 47.8 32 47.8 32 47.8 31 46.3 31 46.3 31 46.3 31 46.3 31 46.3 31 46.3 31 46.3 31 46.3 31 46.3 31 46.3 31 46.3 31 46.3 31 46.3 | Query Score Match Length  67 100.0 770 67 100.0 770 57 85.1 763 37 55.2 423 36 53.7 306 35 52.2 179 35 52.2 270 34 50.7 236 34 50.7 236 34 50.7 333 33 49.3 998 32 47.8 334 32 47.8 499 32 47.8 557 31 46.3 15 31 46.3 19 31 46.3 21 31 46.3 21 31 46.3 290 31 46.3 200 31 46.3 200 31 46.3 200 31 46.3 307 31 46.3 391 31 46.3 391 31 46.3 391 31 46.3 391 31 46.3 391 31 46.3 391 31 46.3 391 31 46.3 391 31 46.3 391 31 46.3 391 31 46.3 391 31 46.3 391 31 46.3 391 31 46.3 391 | Query           Score         Match Length DB           67         100.0         770 6           67         100.0         770 6           57         85.1         763 6           37         55.2         423 6           36         53.7         306 6           35         52.2         179 6           34         50.7         236 6           34         50.7         236 6           34         50.7         236 6           34         50.7         333 6           32         47.8         399 8 6           32         47.8         499 6           32         47.8         557 6           31         46.3         15 7           31         46.3         19 7           31         46.3         21 7           31         46.3         24 7           31         46.3         200 7           31         46.3         200 7           31         46.3         391 6           31         46.3         391 6           31         46.3         391 6           31         46.3         391 | Query Score Match Length DB ID  67 100.0 770 6 US-10-982-545-15 67 100.0 770 6 US-10-789-273-38 57 85.1 763 6 US-10-821-234-1619 37 55.2 423 6 US-10-995-561-894 35 52.2 179 6 US-10-467-657-4526 35 52.2 270 6 US-10-467-657-7100 34 50.7 236 6 US-10-995-561-894 35 52.2 370 6 US-10-467-657-7100 34 50.7 236 6 US-10-949-720-396 33 49.3 998 6 US-10-510-524-1 32 47.8 334 6 US-10-793-626-230 32 47.8 499 6 US-10-793-626-230 32 47.8 499 6 US-10-793-626-1558 32 47.8 557 6 US-10-821-234-1593 31 46.3 15 7 US-11-098-662-102 31 46.3 21 7 US-11-098-662-106 31 46.3 24 7 US-11-098-662-106 31 46.3 200 7 US-11-098-662-108 31 46.3 200 7 US-11-098-662-20 31 46.3 367 7 US-11-098-662-20 31 46.3 391 6 US-10-821-234-1487 31 46.3 391 6 US-10-873-528-42 31 46.3 391 6 US-10-873-528-42 31 46.3 448 6 US-10-873-528-42 31 46.3 348 6 US-10-873-528-42 |

|        |       | ₹     |        |    |         |                    |
|--------|-------|-------|--------|----|---------|--------------------|
| Result | :     | Query |        |    |         |                    |
| No.    | Score | Match | Length | DB | ID      | Description        |
|        |       |       |        |    |         |                    |
| 1      | 67    | 100.0 | 82     | 2  | PQ0438  | Alzheimer's diseas |
| 2      | 2 67  | 100.0 | 695    | 1  | A49795  | Alzheimer's diseas |
| 3      | 67    | 100.0 | 695    | 2  | A27485  | Alzheimer's diseas |
| 4      | 67    | 100.0 | 695    | 2  | \$00550 | Alzheimer's diseas |
| 5      | 67    | 100.0 | 747    | 2  | JH0773  | Alzheimer's diseas |
| 6      | 67    | 100.0 | 770    | 1  | QRHUA4  | Alzheimer's diseas |
| 7      | 7 57  | 85.1  | 191    | 2  | A35981  | sperm membrane pro |
| 8      | 57    | 85.1  | 511    | 2  | JC1404  | CDEI-box DNA-bindi |

| 9  | 57 | 85.1 | 751 | 2 | A49974 | beta-amyloid precu |
|----|----|------|-----|---|--------|--------------------|
| 10 | 57 | 85.1 | 763 | 2 | A49321 | amyloid beta (A4)  |
| 11 | 57 | 85.1 | 765 | 2 | S42880 | amyloid precursor- |
| 12 | 47 | 70.1 | 57  | 2 | A60045 | Alzheimer's diseas |
| 13 | 47 | 70.1 | 57  | 2 | F60045 | Alzheimer's diseas |
| 14 | 47 | 70.1 | 57  | 2 | D60045 | Alzheimer's diseas |
| 15 | 47 | 70.1 | 57  | 2 | E60045 | Alzheimer's diseas |
| 16 | 47 | 70.1 | 57  | 2 | G60045 | Alzheimer's diseas |
| 17 | 47 | 70.1 | 57  | 2 | B60045 | Alzheimer's diseas |
| 18 | 43 | 64.2 | 283 | 1 | FCMSG1 | Fc gamma (IgG) rec |
| 19 | 43 | 64.2 | 285 | 2 | S36903 | Fc gamma (IgG) rec |
| 20 | 43 | 64.2 | 330 | 2 | A40071 | Fc gamma (IgG) rec |
| 21 | 43 | 64.2 | 330 | 2 | I49660 | Fc-gamma-1/gamma-2 |
| 22 | 39 | 58.2 | 236 | 2 | AF1268 | B. subtilis late c |
| 23 | 38 | 56.7 | 233 | 2 | S47352 | p30 B9.15 protein  |
| 24 | 38 | 56.7 | 237 | 2 | S47351 | p30 B9.10 protein  |
| 25 | 38 | 56.7 | 270 | 2 | A34636 | Fc-gamma receptor  |

|        |       | ક     |        |    |              |                    |
|--------|-------|-------|--------|----|--------------|--------------------|
| Result |       | Query |        |    |              |                    |
| No.    | Score | Match | Length | DB | ID           | Description        |
|        |       |       | · ·    |    |              |                    |
| 1      | 67    | 100.0 | 49     | 2  | 097917_BOVIN | 097917 bos taurus  |
| 2      | 67    | 100.0 | 79     | 2  | O35463_CRIGR | 035463 cricetulus  |
| 3      | 67    | 100.0 | 113    | 2  | Q8JH58_CHESE | Q8jh58 chelydra se |
| 4      | 67    | 100.0 | 218    | 2  | Q8BPV5_MOUSE | Q8bpv5 mus musculu |
| 5      | 67    | 100.0 | 384    | 2  | Q8BPC7_MOUSE | Q8bpc7 mus musculu |
| 6      | 67    | 100.0 | 534    | 2  | O93296_CHICK | 093296 gallus gall |
| 7      | 67    | 100.0 | 693    | 2  | Q98SG0_XENLA | Q98sg0 xenopus lae |
| 8      | 67    | 100.0 | 695    | 2  | Q5R477_PONPY | Q5r477 pongo pygma |
| 9      | 67    | 100.0 | 695    | 2  | Q6RH29_CANFA | Q6rh29 canis famil |
| 10     | 67    | 100.0 | 695    | 2  | Q56JK3_CANFA | Q56jk3 canis famil |
| 11     | 67    | 100.0 | 695    | 2  | Q6GR78_MOUSE | Q6gr78 mus musculu |
| 12     | 67    | 100.0 | 695    | 2  | Q9DGJ8_CHICK | Q9dgj8 gallus gall |
| 13     | 67    | 100.0 | 695    | 2  | Q98SF9_XENLA | Q98sf9 xenopus lae |
| 14     | 67    | 100.0 | 695    | 2  | Q7ZXQ0_XENLA | Q7zxq0 xenopus lae |
| 15     | 67    | 100.0 | 699    | 2  | O57394_NARJA | 057394 narke japon |
| 16     | 67    | 100.0 | 714    | 2  | Q56JK4_CANFA | Q56jk4 canis famil |
| 17     | 67    | 100.0 | 733    | 2  | Q6P6Q5_RAT   | Q6p6q5 rattus norv |
| 18     | 67    | 100.0 | 747    | 2  | Q91963_9PIPI | Q91963 xenopus. ap |
| 19     | 67    | 100.0 | 749    | 2  | Q56JK2_STECO | Q56jk2 stenella co |
| 20     | 67    | 100.0 | 749    | 2  | Q6NRR1_XENLA | Q6nrr1 xenopus lae |
| 21     | 67    | 100.0 | 750    | 2  | Q6DJB6_XENTR | Q6djb6 xenopus tro |
| 22     | 67    | 100.0 | 751    | 1  | A4_SAISC     | Q95241 s amyloid b |
| 23     | 67    | 100.0 | 751    | 2  | Q6GSC0_HUMAN | Q6gsc0 homo sapien |
| 24     | 67    | 100.0 | 751    | 2  | Q6RH28_CANFA | Q6rh28 canis famil |
| 25     | 67    | 100.0 | 751    | 2  | Q56JK5 CANFA | Q56jk5 canis famil |